

19980417.qrp v01_n063.qrs.980417

Date: Fri, 17 Apr 1998 19:03:16 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1063

QRP-L Digest 1063

Topics covered in this issue include:

- 1) [8374] Re: Two odd stories
by Frank Kienast <fgk@iquest.net>
- 2) [8375] Ant bargain
by dave_epps@juno.com
- 3) [8376] Re: Two odd stories
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 4) [8377] Re: Elmer101: soldering safety
by crc <crc@io.com>
- 5) [8378] Field Day Plans for 98?-Survey
by Bill Todd <bill@willapabay.org>
- 6) [8379] Re: Two odd stories
by "Ken Hanks" <kennfd@ibm.net>
- 7) [8380] RE: Deep cycle battery
by Dan Dobson <ddobson@iei.net>
- 8) [8381] RE: Ooops -Deep cycle battery
by Dan Dobson <ddobson@iei.net>
- 9) [8382] RS SALE ITEMS///folded dipole
by RangerSF5 <RangerSF5@aol.com>
- 10) [8383] Re: RS SALE ITEMS///folded dipole
by "George T. Baker" <w5yr@swbell.net>
- 11) [8384] Ten-Tec 1320 QRP kit for trade
by Karl Heimbach <heimbach@concentric.net>
- 12) [8385] RE: Ant bargain (yep)
by Conrad <radman@best.com>
- 13) [8386] "Solder" scent sans danger!
by Andris Neimers <VitalVoice@compuserve.com>
- 14) [8387] Re: RS SALE ITEMS///folded dipole
by David Adams <adamsclan@netgate.net>
- 15) [8388] Re: Ant bargain (yep)
by Terres Family <terresfm@ncia.net>
- 16) [8389] QRP Banquet attendance = 158
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 17) [8390] Last items FS:
by "C.D. Rakes" <cdrakes@ipa.net>
- 18) [8391] Re: Elmer 101: questions on part 2
by Jeff Grudin <grudin@pacific.vdbs.com>
- 19) [8392] Yip, I will meet you all in Dayton

- by "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
- 20) [8393] NorCal 40A Problems Solved
by Ward Hill <w_hill@ns.net>
- 21) [8394] Re: Yip, I will meet you all in Dayton
by Paul Harden <pharden@aoc.nrao.edu>
- 22) [8395] Antennas and trees
by jim nestor <nestoji@home.com>
- 23) [8396] Joplin Hamfest - April 18
by Mike - W0TMW <crucis@sky.net>
- 24) [8397] RE: Yip, I will meet you all in Dayton
by Conrad <radman@best.com>
- 25) [8398] Re: Antennas and trees
by Monte Stark <ku7y@dri.edu>
- 26) [8399] Re: Antennas and trees
by Roger Hightower <n7kt@earthlink.net>
- 27) [8400] FOR SALE: HW-8, SONY PRO 80,YS-60 WTMTR
by "Michael, Dana A" <damichael@amp.com>
- 28) [8401] Re: Antennas and trees
by Kent Torell <torell@sicom.com>
- 29) [8402] Re: Elmer 101: questions on part 2
by Michael Maiorana <mikemo@ibm.net>
- 30) [8403] QRP TTF
by Gary Harrison <gharrison@getonthe.net>
- 31) [8404] Re: Antennas and trees
by Monte Stark <ku7y@dri.edu>
- 32) [8405] Re: Antennas and trees
by Zack Lau <zlau@arrl.org>
- 33) [8406] Norcal40A AF level
by Richard C Berrill Jr <rjrberri@xnet.com>
- 34) [8407] Re: Elmer 101: questions on part 2
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
- 35) [8408] Tree Antennas
by "Fishman, Clark" <cfishman@pica.army.mil>
- 36) [8409] Old semiconductor
by rayj@starbase.net (Ray Johnston)
- 37) [8410] Response to Response on Vertical Yagi & trees
by jdenison@morelr.com (JOEL DENISON)
- 38) [8411] Email Lost.
by Ed Loranger <we6w@qsl.net>
- 39) [8412] Re: Antennas and trees
by "Bill Denton" <bdenton@tenet.edu>
- 40) [8413] First Announcement for the MAY SPARTAN SPRINT
by Russ Carpenter <russ@natworld.com>
- 41) [8414] wire antennas...how close?
by Blackpug1 <Blackpug1@aol.com>
- 42) [8415] Re: antennas trees
by Roger Braker <msebrakr@telepath.com>
- 43) [8416] RS Folded Dipole

by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
44) [8417] ANOTHER RS ITEM SELLING /CLOSEOUT/PRICE
by RangerSF5 <RangerSF5@aol.com>
45) [8418] FS: HW-8, SONY PRO-80, YS-60, R-9000
by "Michael, Dana A" <damichael@amp.com>
46) [8419] elmer101 - PROBLEMS
by Brad Mugleston <bmug@gwl.com>
47) [8420] OH please help me
by RangerSF5 <RangerSF5@aol.com>
48) [8421] Re: OH please help me
by Monte Stark <ku7y@dri.edu>
49) [8422] Re: elmer101 - PROBLEMS
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
50) [8423] S&S multi-band summary...
by Conrad <radman@best.com>
51) [8424] HP 200LX users !!!
by John Evans - N0HJ <jaejans@codenet.net>
52) [8425] Re: HP 200LX users !!!
by "Michael Connor" <mikec@primenet.com>
53) [8426] RS 20-181 "Inverted-V Multiband Shortwave Antenna"
by "Tim, KD5CKP" <kd5ckp@bellsouth.net>
54) [8427] RE: S&S multi-band summary...
by n4js@pobox.com
55) [8428] OHR-500 multi-band summary...
by Conrad <radman@best.com>
56) [8429] Re: S&S multi-band summary...
by Monte Stark <ku7y@dri.edu>
57) [8430] Elmer101: C102 error
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
58) [8431] Rad Shack antennas
by Bill Crowley <bcrow@carte.net>
59) [8432] RS ANTENNAS
by w2bj@juno.com (Barry J Minsky)
60) [8433] Powerline noise & RFI
by cjsterl@ix.netcom.com
61) [8434] Rs antenna
by ac5ez@webtv.net (Larry B)
62) [8435] Re: Poles
by john paul keon <"jpkeon@bellsouth.net"@mail.rdu.bellsouth.net>
63) [8436] Re: RS ANTENNAS
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
64) [8437] 38 Special Wanted
by "Fred Ringwald" <fred@innocent.com>
65) [8438] Re: Dayton as Haj
by nilsbull@juno.com (Nils R Young)
66) [8439] Re: Rs antenna
by DENNIS MO <DENNISMO@aol.com>
67) [8440] Re: RS 21-527 SWR-WATT Meter

by DENNIS MO <DENNISMO@aol.com>
68) [8441] RE: elmer101 - PROBLEMS
by Brad Mugleston <bmug@gwl.com>
69) [8442] Re: ladderline & steel a no-no?
by n3fel@juno.com (Howard D Rubin)
70) [8443] RS Dipole
by Shepherd <Shepherd@aol.com>

Date: Thu, 16 Apr 1998 18:52:40 -0500
From: Frank Kienast <fgk@iquest.net>
To: qrp-1@Lehigh.EDU
Subject: [8374] Re: Two odd stories
Message-ID: <353699C8.1A60@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I had an interesting experience at Radio Shack about a year ago. I went in there to take a look at a portable scanner they had on sale. I asked the salesman to see it, and he kept telling me "It's a great radio - triple conversion." After he mentioned the "triple conversion" several times, I asked him just what "triple conversion" meant. "It means", he said "that this radio checks each station three times, to make sure it's not garbage that you don't want to hear."

I've heard it said - "Radio Shack - you've got questions? That makes two of us!". But anyway, look at it this way. If they had to pay to hire people who knew that much about the technical side of things, we would have to pay a lot more for the products.

Frank Kienast
KB9QEI

Marshall Emm wrote:

>
> Had to go to RS the other day and now I REALLY have questions. The
> manager was standing outside having a smoke when I drove up in the
> Black-Beauty-imitation-cop-car-mobile-shack with all sorts of
> antennas on it and my callsign on the license plate. As I walked up
> to him he pointed to the car and asked "Is that a ham?" I was
> momentarily taken aback, then realized it was just possible that he
> was pointing to Mighty Samson, the QRP dog, who was sitting up in the
> front seat and who can copy about two characters of Morse and so is
> in fact more of a ham than some, so I replied "Yep."
>

> "Well," he says, "then I guess you might be interested in a special
> we've got going here-- it's a four meter radio." Somehow it wouldn't
> surprise me if RS actually HAD come out with a 4M radio and decided
> to discontinue it immediately, but after a strange session of
> questions and answers (could have used a phrase book or dictionary
> for whatever language that guy talks) I eventually determined that it
> was a 70cm HT he was talking about. I had questions; he had
> answers-- there was just no relationship between them.

Date: Thu, 16 Apr 1998 17:59:28 -0700
From: dave_epps@juno.com
To: qrp-1@Lehigh.EDU
Subject: [8375] Ant bargain
Message-ID: <19980416.175929.6678.0.dave_epps@juno.com>

Radio shack is selling the "Inverted-V Multiband Shortwave Antenna"
Cat. No. 20-181 for \$3.97. (closeout). Originally sold for \$29.99.
Can be adjusted for ham bands. A bargain, I think.

Just made my first contact on the new SW-30+. Another great little rig.
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 16 Apr 1998 20:13:26 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: fgk@iquest.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8376] Re: Two odd stories
Message-ID: <35369EA4.26F0C426@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Since y'all asked.....

I had a buddy who was moonlighting behind the counter of a Houston RS
during the 70's CB craze (It was the RS on S. Wilcrest by the old Gulf

Lab). He claims that someone came in carrying a clothes iron and asked about converting it into a linear amplifier. The iron said it was rated at 1000 watts. Stranger than fiction.

Henry

Date: Thu, 16 Apr 1998 20:53:35 -0500
From: crc <crc@io.com>
To: rmccarty@earthlink.net
Cc: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [8377] Re: Elmer101: soldering safety
Message-ID: <3536B5E2.7B1@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roger A. McCarty wrote:

>
> >spent 10 years working in electronic construction, soldering on a daily
> >basis. What are the symptoms of lead poisoning?
> >
> >Richard Phillips
>
> Extreme inquisitiveness, above average intelligence, keen sense of logic,
> and superior constructional skills.
>
> Roger KD6CC
and a driving need to listen to squeeks from electronic boxes and
pretend those squeeks convey information

Date: Thu, 16 Apr 1998 19:06:32 -0700
From: Bill Todd <bill@willapabay.org>
To: nwq-1@scn.org
Cc: qrp-1@Lehigh.EDU
Subject: [8378] Field Day Plans for 98?-Survey
Message-ID: <1.5.4.32.19980417020632.006fb740@willapabay.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello QRPers -

Last year, the June "NWQ" Newsletter (from the NorthWest QRP Club), featured an article that listed all the known QRP clubs, the call used, and contact information for interested QRPers in your area who wished to join your Club's efforts.

I'd like to do the same thing this year - and with the increasing number of QRP Clubs out there, this years' list should be fairly large (yippee!).

Please send me information on YOUR club's plans for this year. Include the following information when you respond:

1. QRP Club or group name
2. Location of Field Day event
3. Contact person
4. E-mail address of contact person

We have about 6 weeks to put this list together, so if you are uncertain as to where you are going to hold your FD event this year, hopefully you will have enough time to get the required info.

The accumulated data will appear in the June "NWQ" Newsletter, which should appear on our Club web page, and on my "Full graphics" page within the first week of June.

CUL, Bill-N7MFB
Editor, "NWQ" Newsletter

<http://www.willapabay.com/~bill>
ICQ me at #8926298

Date: Thu, 16 Apr 1998 22:24:31 -0400
From: "Ken Hanks" <kennfd@ibm.net>
To: <fgk@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [8379] Re: Two odd stories
Message-ID: <01bd69a7\$f4d38640\$d6676420@kh>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Frank:

Nice story. I worked for Radio Shack after I got out of High School in 1979. My technical background was a disadvantage to me. I was told that

the company did not care if I knew how it worked, only if I could sell it.

73,

Ken Hanks K1XS@ibm.net

Date: Thu, 16 Apr 1998 21:48:32 -0500
From: Dan Dobson <ddobson@iei.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8380] RE: Deep cycle battery
Message-ID: <01BD6981.6F3B5920@dip058.tc1.iei.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Dave,

I just went looking for the same information. Wanted the real scoop on =
trolling motor (deep cycle) style batteries. Check this site out first-

www.paranoia.com/filipg/

Super site! Bill Darden tells it all on the health and welfare of =
batteries. Lots of good info...

Dan KG9KF

From: Dave Marling[SMTP:dbm@klis.com]
Sent: Thursday, April 16, 1998 7:43 AM
To: Low Power Amateur Radio Discussion
Subject: Deep cycle battery

Can anyone point me to information on charging requirements/chargers for
deep cycle batteries?

Dave
VE1VQ
--=20

Understand the problem before you attempt the solution.

Date: Thu, 16 Apr 1998 22:11:05 -0500
From: Dan Dobson <ddobson@iei.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8381] RE: Ooops -Deep cycle battery
Message-ID: <01BD6984.8F7BD9A0@dip058.tc1.iei.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Dave, the exact address for this obscure site is

www.paranoia.com/~filipg/HTML/FAQ/BODY/F_deep_cycle.html#DEEPCYCLE_001

Sorry for the confusion-hope this helps!

Dan KG9KF

From: Dave Marling[SMTP:dbm@klis.com]
Sent: Thursday, April 16, 1998 7:43 AM
To: Low Power Amateur Radio Discussion
Subject: Deep cycle battery

Can anyone point me to information on charging requirements/chargers for deep cycle batteries?

Dave
VE1VQ

--
Understand the problem before you attempt the solution.

Date: Thu, 16 Apr 1998 23:31:48 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: qrp-l@Lehigh.EDU, forsale-swap@qth.net
Subject: [8382] RS SALE ITEMS///folded dipole
Message-ID: <782413fb.3536cd25@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Just a short note from WA2HOQ about the RS items

I noticed anything RS has on sale, the price always ends with .97 and if it's on the rack for say \$9.97 don't be shocked when you go to pay for it and the sales person tells you it'd \$2.97.
I use an antenna for each band and was lucky enough to get 8 of them, but my 40 seems to do well on 15 meters so 8 is enough
BTW, the last of the speaker mic's were shipped out today.
One more thing, the person from Mt. View, Ca. you write like my doctor so consider yourself lucky if you get yours. WHEW!!!! .
Hope your CW is better than your hand writing. While I'm here, many thanks to all who took the time to write me about the folded dipole.
Some of you put in a large amount of text.
I really got educated on the folded dipole.
Again, Many thanks to all of you
Bob
WA2HOQ

Date: Thu, 16 Apr 1998 22:51:06 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8383] Re: RS SALE ITEMS:///folded dipole
Message-ID: <3536D1AA.C01AC07E@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

After all, what are friends for?

RangerSF5 wrote:

>

snip

While I'm here, many thanks to
> all who took the time to write me about the folded dipole.
> Some of you put in a large amount of text.
> I really got educated on the folded dipole.
> Again, Many thanks to all of you
> Bob
> WA2HOQ

--

72/73, George
Amateur Radio W5YR (since 1946)
QRP-L #1373 QRP ARCI #9583
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Thu, 16 Apr 1998 22:58:37 -0500
From: Karl Heimbach <heimbach@concentric.net>
To: tentec@contesting.com, qrp-1@Lehigh.EDU
Subject: [8384] Ten-Tec 1320 QRP kit for trade
Message-ID: <3536D36D.4770@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello gang,

The kit I listed last evening has been spoken for. Thanks for all the interest.

Karl - W5QJ

Date: Thu, 16 Apr 1998 21:11:53 -0700
From: Conrad <radman@best.com>
To: "'dave_epps@juno.com'" <dave_epps@juno.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8385] RE: Ant bargain (yep)
Message-ID: <01BD697C.4AF6EE80@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Dave et al,

Good eye! I picked up a #20-181 at my local RS. Looks like a bargain... the "Tee" connector and PL-259s are worth more than \$3.97. The antenna is pruned for 60, 49, 41, 31, 25, 21, 19, 16, 13 and 11 meters. Easy prune to put it on 40-10 including WARC bands. Might be a good experiment for some of you guys who are "antenna-challenged" at the home QTH... check out the roof gable mounting scheme in the RS instruction sheet. I can't vouch for xmit performance yet, but I'll bet my LDG ATU will match it heh, heh :))

I'll let you know,

72 - Conrad - nn6cw.

Radio shack is selling the "Inverted-V Multiband Shortwave Antenna"
Cat. No. 20-181 for \$3.97. (closeout). Originally sold for \$29.99.
Can be adjusted for ham bands. A bargain, I think.

Just made my first contact on the new SW-30+. Another great little rig.
dave ab5pc fresno, ca.

Date: Fri, 17 Apr 1998 00:10:39 -0400
From: Andris Neimers <VitalVoice@compuserve.com>
To: QRP-L reflector <qrp-l@Lehigh.EDU>
Subject: [8386] "Solder" scent sans danger!
Message-ID: <199804170011_MC2-3A23-C9A6@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

OK OK Guys and Gals... I've also appreciated the cautions expressed re
soldering lead fumes etc. but remain "hooked" on that fine smell that the=

old shack takes on after a heavy night of construction... Imagine my
delight this past weekend to discover that you can have all the benefits =
of

said smell with none of the dangers! It turns out that there's this incen=
se

- good wife's purchase, not mine - called "Green Tea and Ginko" which aft=
er

a while comes across as good old 60/40 rosin core solder!! Is this great =
or

what! But then this stuff may even act as a substitute to actual
construction since it's a heck of a lot cheaper to just fire up a GT&G
stick than run out and purchase another QRP kit! Also - no tune-up
headaches! Subversive eh?... Don't say you weren't warned!

Andy/VE7FJT
Bowen Isl., B.C. =

=

=

Date: Thu, 16 Apr 1998 22:51:50 -0700
From: David Adams <adamsclan@netgate.net>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8387] Re: RS SALE ITEMS:///folded dipole
Message-ID: <3536EDF6.C5EF914A@netgate.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well...being the fellow from Mt. View, I can only attribute my
handwriting to years of training in chemistry and biology! Thank
you...no no...no autographs!

73 de dave, n9uxu

--

David J Adams, N9UXU

adamsclan@netgate.net

Amateur Radio, Flow Cytometry, Digital Photography and Parrot enthusiast

<http://u1.netgate.net/~adamsclan>

Date: Fri, 17 Apr 1998 02:01:33 -0700
From: Terres Family <terresfm@ncia.net>
To: qrp-l list <qrp-l@Lehigh.EDU>
Subject: [8388] Re: Ant bargain (yep)
Message-ID: <35371A6D.4BD5@ncia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sri for the bandwidth but... an antenna bargain is hard to resist.
Recently someone posted a phone number to find the RS stores that had
the RS speaker mics in stock, (none of the stores I'd checked had them).
Would someone please repost that number?

Thanks & 72

Jerry AA10F

Franconia NH

Date: Fri, 17 Apr 1998 08:46:57 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [8389] QRP Banquet attendance = 158
Message-ID: <Pine.LNX.3.95.980417084141.16026C-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

They're trickling into my mailbox, a few at a time.

The menu has been set.

32 door prize donors have been identified. As in previous years, the number of available door prizes is going to be pretty huge.

There are 158 people registered so far; I expect there to be a small number of "buy-em-at-the-door" tickets available.

When: Friday, May 15, 7 p.m.

Where: Days Inn Dayton South, Miamisburg, OH (the QRP hotel)

Cost: \$22/ticket

Speaker: Ade Weiss, WORSP, author of Joy of QRP and History of QRP

What: Gobs of fun for all

If you bring an Alpha amp with you, expect to be stoned to death :^)

Only kidding.

If you want to get in on the fun, drop me a check for \$22 made out to QRP ARCI...

Scott Rosenfeld NF3I
4015 Sparrow House Lane
Burtonsville, MD 20866-1333

CU THERE! ONLY 28 days to go!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Fri, 17 Apr 1998 07:02:43 -0500
From: "C.D. Rakes" <cdrakes@ipa.net>
To: <QRP-L@Lehigh.EDU>
Subject: [8390] Last items FS:
Message-ID: <199804171155.GAA01219@ns3.ipa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Dropping prices of last two ham items. Ten-Tec Scout, w/80,40,30 mods, 937 HD supply, 705 mike, all looks new and works exc., with manuals, \$500+ shipping. S&S Eng. TAC-1, 80mtr, with keyer, abt two mts old, looks and works great. first \$165. shipped. KI5AZ

Date: Fri, 17 Apr 1998 06:19:28 -0700
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [8391] Re: Elmer 101: questions on part 2
Message-ID: <353756E0.5A7@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Why do we use a 220 mF instead of a 100mF to filter the low freq junk?
Why do we use a .01 mF instead of a .1mF to filter the RF?

I am pretty sure that the C102 comes off the output of the regulator not the input as diagrammed in the schematic. What would the difference be?

I have seen many of these regulator circuits with caps on both sides of the regulator, what difference does that make?

Thanks.

--

73 de Jeff AC6KW
grudin@vdbs.com

Private Practice : Companion Animals and Exotics
Ocean Animal Clinic / Cat Clinic of Santa Cruz
Santa Cruz, California

Norcal QRP #1292 QRP-L #16 ARS #351
AR Qrp #131 Bumble Bee #19

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Fri, 17 Apr 1998 15:29:26 +0200
From: "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
To: <qrp-l@Lehigh.EDU>
Subject: [8392] Yip, I will meet you all in Dayton
Message-ID: <000901bd6a04\$febdb1a0\$16d374a7@ZENKERPN.perkin-elmer.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sometimes in amateurs live real wonder could happen. When I told the Chief Editor of the FUNKAMATEUR Ham Magazin, that in Dayton 3 new allband QRP txvrs (s&s, K2, Ohr) will be introduced and I am trying to get more Information for the next issue of the Magazin,

HE ASKED ME TO GO TO DAYTON AS THE QRP EDITOR OF FUNKAMATEUR !!!!!

Making some Fotos, writing an article, all free of cost for me!

Allthough I am heavy overloaded by QRL in these times, I could manage to be free to go and therefore I will have a flight to Cincinatty at 14th of May, staying there until 20th of May.

I never dreamed to have a chance to see all you QRPers there in Dayton in my life

I am happy

cu at FDIM

Peter, DL2FI
Chairman of DL-QRP-AG
Founded May 4th 1997, just 1 year young but up to 700 members now!

Date: Fri, 17 Apr 1998 06:57:53 -0800
From: Ward Hill <w_hill@ns.net>
To: qrp-l@Lehigh.EDU
Subject: [8393] NorCal 40A Problems Solved
Message-ID: <103130300b15d1d606be8@[207.159.15.58]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to all that responded to my request for help.

It turned out to be Q1 with a constant short to ground (placing a ground on the input to the receiver section). A new NTE 123AP transistor has returned the rig to the air. First contact was with WA7UUF in Seattle, a 599. Well, I only had problems with the receiver, HI.

Thanks again and I hope to meet many of you at Dayton.

72,

Ward Hill, WA6FUH
Engineer at KQVR, Channel 13 (CBS), Sacramento, CA
Life Member ARRL 10-10 #27139 QRP-L #1117 AK/QRP #249
All QRP, All home built/home brew equipment
w_hill@ns.net
WA6FUH@KM6PX.#NCA.CA.USA.NOAM

Date: Fri, 17 Apr 1998 08:09:14 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Peter Zenker DL2FI <Peter_DL2FI@csi.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8394] Re: Yip, I will meet you all in Dayton
Message-ID: <Pine.SOL.3.91.980417080454.8843A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 17 Apr 1998, Peter Zenker DL2FI wrote:

> HE ASKED ME TO GO TO DAYTON AS THE QRP EDITOR OF FUNKAMATEUR !!!!
>
> Making some Fotos, writing an article, all free of cost for me!

Peter ... it's a dirty job, but someone has to do it!!!

> Peter, DL2FI
> Chairman of DL-QRP-AG
> Founded May 4th 1997, just 1 year young but up to 700 members now!

^^^ Great job on the DL-QRP-AG. Nice to know the growth in QRP is a world-wide phenomenon.

Enjoy Dayton,
72, Paul NA5N

Date: Fri, 17 Apr 1998 10:18:47 -0400
From: jim nestor <nestoji@home.com>
To: qrp-l@Lehigh.EDU
Subject: [8395] Antennas and trees
Message-ID: <19980417142116.AAA21735@cc652944-a.ewndsr1.nj.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Usually this topic has to do with how to hang antenna wires from trees. My query is "what about putting antennas close to trees?"

I know that foliage absorption of RF is a problem at VHF and UHF frequencies. How about hi-band HF frequencies?

I am considering putting up some new antennas for 15,17,10 meters since the bands are coming back to life. The best spots in my yard are along the tree lines and amidst a bunch of 40' high pines. I can hang delta loops, half squares and such from the branches. I realize that it would be better if they were in the clear, but wonder just how much of a problem absorption would be at those frequencies.

Does it matter about the polarization? After all, trees are vertical so maybe vertical antennas would "squeeze more RF" through the gaps. What do you think?

BTW, the skeleton cone antenna which I put up this Winter at only 20-25 feet seems to work very well on the hi bands. Have worked KH6, DL2 and such the past few days on 15 & 17m. I hate to disturb it by trying to get it

higher up in the trees.

Jim, WK8G/2
nestoji@home.com

Date: Fri, 17 Apr 1998 09:25:20 -0500
From: Mike - W0TMW <crucis@sky.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, "A Hamlist (Missouri)"
<hams@mail.orion.org>
Subject: [8396] Joplin Hamfest - April 18
Message-ID: <35376650.E08FACE4@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Any QRPers going to the Joplin Missouri Hamfest tomorrow?

Mike - W0TMW

--

=====
Mike Watson, W0TMW QCWA Mbr# 28651, MidContinent Chapter #35
Raymore, Missouri, USA Grid: EM28st, ARS# 352, QRP-L# 1849
<http://www.sky.net/~crucis> E-mail: crucis@sky.net ARCI# 9647
=====

Date: Fri, 17 Apr 1998 07:36:11 -0700
From: Conrad <radman@best.com>
To: "'Peter_DL2FI@csi.com'" <Peter_DL2FI@csi.com>, Low Power Amateur Radio
Discussion <qrp-1@Lehigh.EDU>
Subject: [8397] RE: Yip, I will meet you all in Dayton
Message-ID: <01BD69D3.7F5D9FA0@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Peter,

Congratulations on your assignment for FUNKAMATEUR. Good to hear that =
the international press will be in attendance! Please note that OHR was =

not planing on attending Dayton '98 as of 2 days ago when I spoke =
with them. You'll need to contact Dick Witkze, OHR Company President, =
for your story. His email address is: qrp@ohr.com=20

Phone: (616) 796-0920 - 24 hr. Fax: (616) 796-6633

Perhaps you can arrange for a visit with OHR apart from Dayton... I'm =
sure Dick will help you out.

GL and have a good flight!=20

72 - Conrad Weiss - nn6cw. (thanks for the bandwidth !)

Sometimes in amateurs live real wonder could happen. When I told the =
Chief
Editor of the FUNKAMATEUR Ham Magazin, that in Dayton 3 new allband QRP
txvrs (s&s, K2, Ohr) will be introduced and I am trying to get more
Information for the next issue of the Magazin,

HE ASKED ME TO GO TO DAYTON AS THE QRP EDITOR OF FUNKAMATEUR =
!!!!

Making some Fotos, writing an article, all free of cost for me!

Allthough I am heavy overloaded by QRL in these times, I could manage to =
be
free to go and therefore I will have a flight to Cincinatty at 14th of =
May,
staying there until 20th of May.

I never dreamed to have a chance to see all you QRPers there in Dayton =
in my
life

I am happy

cu at FDI

Peter, DL2FI

Chairman of DL-QRP-AG

Founded May 4th 1997, just 1 year young but up to 700 members now!

Date: Fri, 17 Apr 1998 07:40:08 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: jim nestor <nestoji@home.com>
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [8398] Re: Antennas and trees
Message-ID: <Pine.SOL.3.96.980417073013.12399D-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Jim,

I have never seen trees affect an antenna, unless they fell on it!!

Some say there is a little difference between summer/winter sap up/down, but I've not noticed it.

I think it's one of those things that one might be able to show but that in reality you could never tell any on the air difference.

A bit like background levels in the -14 range.... sure, it's there, and if it were increased by many orders of magnitude it would cause a problem..... but in reality it's best to not worry!

And for those who try to build some nasty case for it... ask why you can use a steel tower to hold antennas and no one ever questions that!

Or ask why you spend all kinds of bucks breaking up your guy wires so they are not "resonant" anyplace and then hang two dozen wire antennas off that same tower, resonant of all the bands!!

Enjoy,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 17 Apr 1998 07:42:23 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: nestoji@home.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8399] Re: Antennas and trees
Message-ID: <353707DF.6A9055F9@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I wouldn't worry about absorption in the trees. Because of the CC&R's at my QTH, I only have a vertical (R-7). It's ground mounted, with the matching network just 8" above ground, and the antenna is in between two Australian Willows that are 10 feet apart. The foliage is so thick that the vertical can not be seen from any angle.

Over 200 countries with this antenna, WAS, and it's a great foxcatcher. It might be perform better if I could elevate it, but the trees don't seem to be a problem.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

Date: Fri, 17 Apr 1998 11:12:21 -0400
From: "Michael, Dana A" <damichael@amp.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [8400] FOR SALE: HW-8, SONY PRO 80,YS-60 WTMTR
Message-ID: <199804171512.LAA69178@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain

FOR SALE:

HW-8 Has a few scratches on top lid, also has a speaker in lid,
internal dial
light and built in extra additional audio filter, with copy
of manual. \$90

Sony PRO 80 Receiver/scanner Has down converter , antenna , case and
instruction manual.

Covers 150kHz to 223

wide/narrow AM, and wide/

condition. \$195

mHz, SSB/CW,

narrow FM. good

YS-60 Watt Meter Peak reading 20/200/2000 watt ranges+ SWR. A "skuff"
on the meter face over the 1500w area.

\$75

Icom R-9000 30kHz to 2 GHz super receiver, execlent condition.
\$4900

Interested? Please call 1-717-810-2891 from 6:30AM till 3:00PM or
1-717-896-3973 from 5:00 PM till 10:00 PM EDST, or e-mail.

Thanks es 72,73

D.A. "Mike" Michael W3TS

Date: Fri, 17 Apr 1998 11:30:53 -0400
From: Kent Torell <torell@sicom.com>
To: qrp-1@Lehigh.EDU
Subject: [8401] Re: Antennas and trees
Message-ID: <v04003a01b15cbe08779a@[192.91.202.41]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, Roger's antenna between trees works fine. I tried an even stealthier approach, and stapled a wire vertical up the side of my palm tree, with 8 buried radials on the ground.... the dielectric loading from the tree made me shorten the antenna by about 20%, and it is a very poor performer... poor signal reports, and weak reception compared to an elevated 1/4 wave vertical (my portable antenna). I think you need to keep the radiating elements spaced away from the tree. Most of the reports I've seen use that approach.

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB7OA scQRPion, qrp-1 57, ARCI 9075 DM33xn 33.55 N 112.078 W

Date: Fri, 17 Apr 1998 11:31:59 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: grudin@pacific.vdbs.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8402] Re: Elmer 101: questions on part 2
Message-ID: <353775EF.6E7B@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here are the answers to the capacitor selection questions. I got this info from Dave Benson, the designer.

>> Why do we use a 220 mF instead of a 100mF to filter the low freq junk?

>The 220 microfarad cap was the largest value available in that size package.

>> Why do we use a .01 mF instead of a .1mF to filter the RF?

>Yes, they'd all work, the .01 is cheapest.- I buy caps in lots of a thousand-
>the difference between \$.02 and .05 fills up my car's gas tank a couple times.
>;-)

>

>I do remember someone asking why the bypass caps on U1 and U2 were different
>values, and I saw some good explanations. The real story is that they would
>have both been the cheaper .01s but one of the locations was physically too
>tight and I upgraded to the smaller-package .1 cap!

I hope this clears this all up. Thanks Dave for the feedback.

So, it should be clear that often a component choice is not made only on it's function. Economy and size are also a large factor.

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"De do do do, de da da da. Thats all I want to say to you" The Police

Date: Fri, 17 Apr 1998 10:34:32 -0500
From: Gary Harrison <gharrison@getonthe.net>
To: qrp-1@Lehigh.EDU

Subject: [8403] QRP TTF
Message-ID: <3.0.32.19980417102929.007510d8@pop.getonthe.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Our local group from QCWA Chapter 180 is planing to operate TTF from near South West City Missouri. The actual site will be on the border of Arkansas, Oklahoma and Missouri.

First time QRP for me with "rusty CW skills" and a just finished OHR100A 40 meter rig. We will have an OHR100A on 20 meters also. Hope to hear from lots of stations. Good luck everyone!

73,
Gary Harrison, K0BC
QCWA Vice President
see our website at: <http://www.teleport.com/~qcwa/>
Ask me about our Scholarship Fund!

Date: Fri, 17 Apr 1998 08:44:30 -0700
From: Monte Stark <ku7y@dri.edu>
To: torell@sicom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8404] Re: Antennas and trees
Message-ID: <353778DE.361279AD@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Kent,

You know what would really be interesting....

Run some tests with the vertical stapled to the tree and they with the very same antenna held out a few feet away from that same tree.

By comparing it to another antenna mounted differently and in a different location, I'm not sure that you are really comparing apples to apples...

On the other hand, I agree that doing something like stapling the wire to the tree would do bad thing! But I'm just not sure how bad.

cul,

--

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 17 Apr 1998 11:50:58 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [8405] Re: Antennas and trees
Message-ID: <35377A62.7C40@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You model trees just like feedlines--loss is in dB/(unit length).
A rather low angle of radiation is needed to have a significant
loss on HF--what is the maximum angle of radiation if your main
lobe is attenuated by a 100 ft tree 1 mile away?--Zack W1VT

Date: Fri, 17 Apr 1998 10:49:23 -0500
From: Richard C Berrill Jr <rjrberri@xnet.com>
To: Qrp Mailing List <QRP-L@Lehigh.EDU>
Subject: [8406] Norcal40A AF level
Message-ID: <35377A02.7BE32798@xnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I built the norcal40a from the kit from wilderness radio and it works
wonderfully. The only problem i'm having with it is that the Af is
awefully low I checked the toroids to make sure they were in with the
primary and secondary in the right spots.
And I turned the gain up all the way. Though for my ears it is just too
quiet. Are there any mods that any of you have done to increase the
volume on this, or does anyone have a schematic for a af amplifier that
is usable for something like this.

Thanks in advance for the help,
Rich, KB9ONM

Date: 17 Apr 1998 11:58:30 -0400
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: grudin@pacific.vdbs.com
Cc: qrp-l;;
Subject: [8407] Re: Elmer 101: questions on part 2
Message-ID: <1998Apr17.115830-0400@[130.113.234.7]>

In <353756E0.5A7@vdbs.com>, Jeff Grudin wrote:
>Why do we use a 220 mF instead of a 100mF to filter the low freq junk?
>Why do we use a .01 mF instead of a .1mF to filter the RF?
>
>I am pretty sure that the C102 comes off the output of the regulator not
>the input as diagrammed in the schematic. What would the difference be?
>
>I have seen many of these regulator circuits with caps on both sides of
>the regulator, what difference does that make?
>

Jeff,

C102(0.01uf) is at the 78L08 regulator's INPUT.
It is there more to keep transmitter RF out of the regulator than
anything else. 7 MHz. stuff coming into this regulator would be
bad news: it doesn't have much control at this high frequency. You
could almost count on 7 MHz. appearing at its output.

And look where the 8v output goes....right into the VFO
tuning pot. So you'd end up with a 7 MHz. FM modulated VFO. Very bad.

You'll often see these regulators with bypass caps adjacent.
These regulators can oscillate: the inductance of the input wires
(even a foot or two) can make them unstable. But that's not a
problem here, since C112 (220uf) is very close.

The cap on the output apparently improves transient
response, so that you get less of a "glitch", when load changes.

Date: Fri, 17 Apr 1998 12:28:05 -0400
From: "Fishman, Clark" <cfishman@pica.army.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [8408] Tree Antennas
Message-ID: <61184F6C1EF9D0119A6300609798EA46A209DA@pica-emh9.pica.army.mil>
MIME-Version: 1.0

Content-Type: text/plain

a long time ago in Radio-Electronic or Radio and TV News magazine there was an article about using trees as antennas...Ft. Monmouth had develeoped a coupler that strapped around the tree and let you use the tree as a vertical antenna.. There was the Two Meter Ceder,,,,etc

I guess when you are in deep s... anything is better then nothing

Clark Fishman WA2UNN cfishman@pica.army.mil

Date: Fri, 17 Apr 1998 12:28:43 -0400
From: rayj@starbase.net (Ray Johnston)
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8409] Old semiconductor
Message-ID: <3537833B.39282D0F@starbase.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am at a loss in finding a replacement for what I believe is an A5T1828 semiconductor. The case markings are:

KC0135
T1828

Any help from you gurus would be greatly appreciated.

Ray Johnston

Date: Fri, 17 Apr 1998 11:48:01 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [8410] Response to Response on Vertical Yagi & trees
Message-ID: <199804171648.LAA26823@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High gang:

got lots of responses so thought I might post the reply here as some may have "silent" questions... :-)

formula for driven element $468/F$ director is 6% less and reflector is 6% more spacing is $984/f \times .1$ for the director and $\times .15$ for the reflector...

I kept the center of the elements even and folded any extra length over on the rope... this kept the lower part of the elements at, or near gnd level and the feed point high...

The director on the thirty meter element is about two feet from the end of the branches on one tree and the reflector on the forty meter element is a bit farther away...

In my old qth (surrounded by trees only a few feet (ten or less) away from the ant elements I was able to use loops and made one horizontal yagi (stretched between the ropes between the loops) and they all worked just great also...

So I leave the "great tree debate" to those who know the formulas and have good calculators... What this simple cajun ham can tell you is that they work for me and if it an't broke I an't gonna try and fix em... :-)

joel wa5cvm in maine, north of dixie, enjoying the southern breeze in the trees and thinking of my cajun belle Louise... :-)

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
Vertical 3 elm Yagi 30mtr & 40mtr
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Fri, 17 Apr 1998 16:51:16 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8411] Email Lost.
Message-ID: <35378884.D31@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I lost the last 57 email messages that were sent to me.

Sorry for the B/W but just covering in case anyone expected a response from me. Honest, I like to reply cordially to all email received.

Y'all have nice weekend, y'hear.

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Fri, 17 Apr 1998 12:02:05 -0500
From: "Bill Denton" <bdenton@tenet.edu>
To: zlau@arrl.org
Cc: Low Power Amateur Radio Discussion <qrpl@Lehigh.EDU>
Subject: [8412] Re: Antennas and trees
Message-ID: <35378B0D.7675@tenet.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Zack Lau wrote:

>
> You model trees just like feedlines--loss is in dB/(unit length).
> A rather low angle of radiation is needed to have a significant
> loss on HF--what is the maximum angle of radiation if your main
> lobe is attenuated by a 100 ft tree 1 mile away?--Zack W1VT

This is an interesting question. I have an acre with hundreds of tall Texas pine trees in the 90' to 100+ region. With all my antennas either fastened too or run through them. I probably have 5000 ft of wire in 12 or 15 antennas up there. I have never really been able to determine if the trees hurt or help me. I do get really good signals reports around the world. Most all are gain type multi-element antennas. The one that I would have the most question about is my 160 "L". This is a ON4UN type "L" with 2 1/4 wave elevated radials. The vertical element runs a few inches from the trunk of a huge pine tree for about 90' before the "L" is formed at the top. One of the radials actually lays on the roof of my garage for about 60 feet before it goes out into the woods. Having said all of that, I took John's formula and cut the vert. section as well as radials with no consideration to trees and garage roof and came within 3 kcs of my target frequency on 160 meters with something less than 1.2:1 swr. No trimming was necessary. That tells me that the huge trunk of the pine tree has little or no effect on the end result of antenna. I'm sure that John didn't factor in the effect of trees in his computer model.

I use insulated wire in all my antennas but I'm not sure if that really makes a difference at rf frequencies when touching the trees.

Being so close to the tree trunk may make a difference in the radiation pattern. I've never proved or disproved this fact. I do know that the

"L" works well.

I am looking for a good design on a 4 square for 75/80 if anyone has one please pass it on.

Have a nice weekend to all....

Bill W5SB
Houston Texas

Date: Fri, 17 Apr 1998 10:21:54 -0800
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [8413] First Announcement for the MAY SPARTAN SPRINT
Message-ID: <199804171720.KAA11639@guppy.pond.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

The May Spartan Sprint will be held on May 4 (which is our standard date--the first monday of the month). We will be operating on two bands--40 and 20. Don't worry if your station is a bit obese. We commend the winners in two categories--points (the Tubby Division), and points per pound (the Skinny Division).

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT. Finish at 11:00 PM EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT.
2. The frequencies will be 7040+- KHz and 14060 KHz+-. (You may operate one or two bands--your choice.)
3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP".
5. You can take credit for working the same station on a second band.

After the contest, send Russ Carpenter, AA7QU, an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of the

transmitter, receiver, key, keyer and battery). You may also include your comments from the soapbox. Russ' email address is russ@natworld.com.

As an alternative, we encourage you to use our automated Spartan Sprint report at the ARS web site. Just fill in a few boxes, click the "submit" button, and you're done! You can get directly to the report page with this URL: http://www.natworld.com/ars/events/spartan/submit_spartan.html. Or you can take a more leisurely (and rewarding) stroll through the ARS site by going to the home page at <http://www.natworld.com/ars>.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is nu6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

Russ Carpenter, AA7QU, Contest Manager

russ@natworld.com

Date: Fri, 17 Apr 1998 13:24:32 EDT
From: Blackpug1 <Blackpug1@aol.com>
To: qrp-1@Lehigh.EDU

Subject: [8414] wire antennas...how close?
Message-ID: <d413d1ef.35379052@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I'm thinking about putting up a couple of wire antennas, maybe one will be a Radio Shack 3.97 discontinued special cut down to the ham bands. I'd like put up a SWL antenna too, and maybe a 2meter deal. How far apart do I need to keep these guys from bothering each other? Is there a rule of thumb?

Michael
KBORIA

Date: Fri, 17 Apr 1998 12:30:50
From: Roger Braker <msebrakr@telepath.com>
To: qrp-1@Lehigh.EDU
Subject: [8415] Re: antennas trees
Message-ID: <3.0.1.16.19980417123050.3e97244e@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey, You would have great ground plane system with all those roots:-)

73,
Armold kd5ckh

Date: Fri, 17 Apr 1998 13:48:28 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: qrp-1@Lehigh.EDU
Subject: [8416] RS Folded Dipole
Message-ID: <353795EB.6D5DE579@gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

According to the local RS counter rep, there are no folded dipoles to be found between here and Savannah. If anyone can find a store that still has the dipoles, I will purchase 4 of them and reimburse shipping.

Tnx

Henry

Date: Fri, 17 Apr 1998 13:58:34 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: forsale-swap@qth.net, qrp-1@Lehigh.EDU, njqrp@njqrp.org
Subject: [8417] ANOTHER RS ITEM SELLING /CLOSEOUT/PRICE
Message-ID: <782510d6.3537984b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I decided to visit the local RS store and do some parts shopping.
I noticed an SWR and WATT meter(lcd readout type) on sale for \$39.97
The girl scanned it and the selling price was reduced to \$29.97
DIGITAL SWR/POWER METER
4- DIGET DISPLAY WITH A BACK LIGHT
FREQUENCY RANGE 3- 30 MHZ
MEASURES PEAK AND AVERAGE POWER
THIS UNIT ALSO COMES WITH AN REMOTE SENSOR
IT'S ALSO GOOD TO HALF WATT,AND COMES WITH A 12 VOLT ADAPTER.
I didn't try the half watt but it's giving me the same reading that I got from
an expensive weltz meter 4 watts out with an SWR at 1.3/1
The item number is <21-527>
When you see an item with a price that ends with .97 cents and that sale price
still seems to much for you,have the sales person scan the item.
Another (lower price) may have already been plugged into the computer from
the main store.
BTW,RS is cleaning out and I also picked up 5 more of the short wave antennas
at \$1.00 each because the bags were ripped open
Good Luck shopping.
ps:
The small SWR/power meter is looking good on top of the MFJ rig

Date: Fri, 17 Apr 1998 14:03:19 -0400
From: "Michael, Dana A" <damichael@amp.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [8418] FS: HW-8, SONY PRO-80, YS-60, R-9000
Message-ID: <199804171803.0AA73506@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0

Content-Type: text/plain

The HW-8 is sold, thanks. Other items still available.

FOR SALE:

HW-8 Has a few scratches on top lid, also has a speaker in lid,
internal dial
light and built in extra additional audio filter, with copy
of manual. \$90

Sony PRO 80 Receiver/scanner Has down converter , antenna , case and
instruction manual.
Covers 150kHz to 223
mHz, SSB/CW,
wide/narrow AM, and wide/
narrow FM. good
condition. \$195

YS-60 Watt Meter Peak reading 20/200/2000 watt ranges+ SWR. A "skuff"
on the meter face over the 1500w area.
\$75

Icom R-9000 30kHz to 2 GHz super receiver, execlent condition.
\$4900

Interested? Please call 1-717-810-2891 from 6:30AM till 3:00PM or
1-717-896-3973 from 5:00 PM till 10:00 PM EDST, or e-mail.

Thanks es 72,73
D.A. "Mike" Michael W3TS

Date: Fri, 17 Apr 1998 12:06:06 -0600
From: Brad Mugleston <bmug@gw1.com>
To: "'qrp-l'" <qrp-l@Lehigh.EDU>
Subject: [8419] elmer101 - PROBLEMS
Message-ID: <01BD69F9.34ED9300@pps-pc10.gw1.com>

Well, completed step one last night. Inventoried all my parts - 100%
complete. Re-read the instructions and started melting solder. Nice shiny

solders, on both sides of the board. All my parts are in nice and snug.
Tested the power - exactly what it is suppose to be - I like the diode in the power input but have a question. On my other projects I used the diode to blow the fuse. What happens if I connect to TOO much DC power? Can I blow past the diode and blow the radio? (No, I don't think I could ever deliver more than the 15V the rig is rated for but this is suppose to be a learning experience).

What's the problem? I want more and I want it NOW, PLEASE. I know we need to take it slow so maybe I should buy another kit.

Thanks for this class. It's going to be great.

De KB0ROL, Brad

Date: Fri, 17 Apr 1998 14:20:05 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [8420] OH please help me
Message-ID: <fe01055d.35379d56@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Ok so I just got a direct flame because I spelled digit as diget
You have nothing better to do???
I was working CW and typeing at the same time.
God,give me some credit
And yes I was signing off so I sent the posting without my name or call.
I may lack good writing skills but make up for it in other ways
Now for my name
Bob
Ok here is my call letters
WA2HOQ or is that call letters and 1 number??

Date: Fri, 17 Apr 1998 12:02:36 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: RangerSF5 <RangerSF5@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8421] Re: OH please help me

Message-ID: <Pine.SOL.3.96.980417115927.13550B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 17 Apr 1998, RangerSF5 wrote:

> Ok so I just got a direct flame because I spelled digit as diget

Hi Bob,

Don't worry about such nits!

> You have nothing better to do???

There are a few of those kinds that lurk around here. But for the most part the folks here are really a fine bunch.

Don't let it get you down. After all, even Mark Twain didn't trust anyone who spelled the same word the same way twice!!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: 17 Apr 1998 15:05:37 -0400
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: bmug@gwl.com
Cc: qrp-l;;
Subject: [8422] Re: elmer101 - PROBLEMS
Message-ID: <1998Apr17.150537-0400@[130.113.234.7]>

In <01BD69F9.34ED9300@pps-pc10.gwl.com>, Brad Mugleston wrote:
[...] On my other projects I used the diode
>to blow the fuse. What happens if I connect to TOO much DC power? Can I
>blow past the diode and blow the radio? (No, I don't think I could ever
>deliver more than the 15V the rig is rated for but this is suppose to be a
>learning experience).

Brad,
I'm not sure what you're asking:

Is it - what will happen if you apply more than +15v DC, (correct polarity)?

- C112(220uf) is only rated for 16 volts. With more voltage applied, it could short out.

-Then U2(78L08) is spec'd for maximum input voltage of 23v.

Depending on whether this chip shorts or opens when it blows, U1, and U2(both SA612) would be at risk.

-Above that, D12(33v zener) will start to smoke for input voltages above 33v.

-Then Q4 might be at risk once D12 fries.

-Above that, the op-amp is at risk...

do I need to go further? =:-0

Date: Fri, 17 Apr 1998 12:08:40 -0700

From: Conrad <radman@best.com>

To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>

Subject: [8423] S&S multi-band summary...

Message-ID: <01BD69F9.902BBA80@radman.vip.best.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: quoted-printable

Gang,

Thanks for all of the enthusiastic email re: the new multi-band rig from =
S&S. I'll give you a short summary of what I heard from the list and =
then "get out of the middle" and let you direct your comments and =
questions directly to S&S via email. Dick Szakonyi - S&S Pres -- really =
wants to hear from you. Send your comments via email to: N3SAD@aol.com =

S&S Summary:=20

Question: Will S&S really hit the \$600 target for factory-built?

S&S: YES, we really will! The kit price will be announced at Dayton.

Question: How much of the S&S kit is surface mount?

S&S: Approximately 55% of the components. SMT =3D 275 parts. Thru-hole =
=3D 225.

Question: Can the intermediate kit-builder handle this and what eqpt do =
I need?

S&S: YES, just a matter of patience. You'll need a 25-watt pencil with a =
fine tip, tweezers, fine gauge solder, and a decent magnifying lamp -- =
that's it.=20

Question: How many PCBs in the S&S?

S&S: Three: Front Panel, Transmit/Synthesizer and Receiver/Audio.

Question: What is the display size?

S&S: We're making that decision shortly. Currently we're planing for a =
2.5" x 1.1" 2 lines X 16 character "chip on glass" with edge lighting. =
Character size is 0.19h" 0.116w."=20

Question: Will there be direct key entry via a "FCN-shift" button.

S&S: We have no plans for direct key entry. =20

Question: How can I sign-up to be a beta tester?

S&S: Currently, we have enough individuals for first-round prototype =
testing. If we need a larger group in the future we'll put the word out.

I believe that covers it. More info will be available at Dayton !!

72 - Conrad Weiss -- nn6cw

Date: Fri, 17 Apr 1998 13:18:16 -0600
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-1@Lehigh.EDU
Subject: [8424] HP 200LX users !!!
Message-ID: <3537AAF8.9CDFCE82@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

I just picked up this fine QRP computer yesterday. It is going to absorb my logging functions as well as my dayplanner and checkbook. And, in the works, I plan on getting the QRZ database on this puppy for callsign lookups - just haven't decided if I will do it with external storage media or a flashdisk. I will keep you all informed. I already have the callsign portion of the database shrunk down to roughly 80 meg uncompressed - those of you in the know will understand the direction I am taking.

72 - john - n0hj

John A. Evans

Chief Systems Administrator

Office: (719) 528-1800 x164 Titan Software Systems
Fax: (719) 528-1888 1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Fri, 17 Apr 1998 12:19:23 -0700
From: "Michael Connor" <mikec@primenet.com>
To: <jaevans@codenet.net>
Cc: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [8425] Re: HP 200LX users !!!
Message-ID: <01bd6a35\$bb0c5340\$202144c6@mike.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

There are more of us John.
Floyd, NQ7X, and I have been using the 200LX's
for a few months now. Great units.

They've been used for contest logging/rig keying, packet,
and even interfaced to my GPS unit.

Have fun,
Mike
NQ7K
AZ ScQRPions

>Greetings,
>
> I just picked up this fine QRP computer yesterday. It is going to
>absorb my logging functions as well as my dayplanner and checkbook.
>And, in the works, I plan on getting the QRZ database on this puppy
>for callsign lookups - just haven't decided if I will do it with
>external storage media or a flashdisk. I will keep you all informed.
>I already have the callsign portion of the database shrunk down to
>roughly 80 meg uncompressed - those of you in the know will understand

17.7 - 17.9
21.45 - 21.75
25.6 - 26.1

Any assistance is appreciated.

73

Tim

--

```
*****
* KD5CKP
* Tim Billingsley           Grid# EM54bw
* QRP-L #1510              mailto:kd5ckp@bellsouth.net
* http://personal.mem.bellsouth.net/~kd5ckp/Index.htm
*****
```

Date: Fri, 17 Apr 1998 15:39:47 -0400 (EDT)
From: n4js@pobox.com
To: Conrad <radman@best.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [8427] RE: S&S multi-band summary...
Message-ID: <XFMail.980417153947.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 17-Apr-98 Conrad typed:

>
>Question: How much of the S&S kit is surface mount?
>S&S: Approximately 55% of the components. SMT = 275 parts. Thru-hole = 225.
>
>Question: Can the intermediate kit-builder handle this and what eqpt do I
>need?
>S&S: YES, just a matter of patience. You'll need a 25-watt pencil with a fine
>tip, tweezers, fine gauge solder, and a decent magnifying lamp -- that's it.

Plus it would help to hire a teenager to do it ;-) I built the SMiTe, and that was enough SMT. 275 SMT parts? I would go blind! I really like S&S stuff, but I'll leave this one for the younger set. (Or the old ones with good eyes, steady hands...you know, the clean living ones....)

Sent at 15:39:47 on 17-Apr-98

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@qsl.net NJ Grid:FM29LN
http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243

Date: Fri, 17 Apr 1998 13:04:00 -0700
From: Conrad <radman@best.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [8428] OHR-500 multi-band summary...
Message-ID: <01BD6A01.4D526940@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Gang,

Thanks for all of the enthusiastic email re: the new OHR-500 =
multi-bander. I'll give you a short summary of what I heard from the =
list and then "get out of the middle" and let you direct your comments =
and questions directly to OHR via email. Dick Witzke / KE8KL - OHR Pres =
- really wants to hear from you. Send your comments via email to: =
qrp@ohr.com =20

1.) There were various questions from the group as to how the OHR-500 =
would differ from the OHR-400 other than the addition of 15 meters and =
the improved AGC. My understanding is that these *are* the significant =
differences. In addition, there will be a reduction of interconnect =
wiring between boards.=20

2.) RE: the internal keyer. There was enthusiasm from the group for =
adding this. Important to let Dick know how you're voting on the =
optional PIC-based keyer. Do you want board space for the keyer? Do you =
want an internal keyer? The boards aren't frozen. There's still time to =
vote.

3.) I heard from a number of happy OHR-400 fanatics. Many had very =
specific questions re: features, enhancements, etc that they *wanted.* =
The enhancements were so specific to the OHR-400 that you'll need to =
email Dick directly.

4.) Numerous people wanted to be beta testers for the OHR-500. Again, =
you'll need to email Dick directly if you want to be on that list.=20
=20

In addition, you can watch the OHR web page for updates in a couple of =
weeks.=20

OHR Web Page: <http://www.ohr.com/> Note: OHR will *not* be at Dayton '98.

72 - Conrad Weiss - nn6cw

Date: Fri, 17 Apr 1998 13:05:03 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Conrad <radman@best.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8429] Re: S&S multi-band summary...
Message-ID: <Pine.SOL.3.96.980417125544.13808B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>
> Question: How much of the S&S kit is surface mount?
> S&S: Approximately 55% of the components. SMT = 275 parts. Thru-hole = 225.
>
> Question: Can the intermediate kit-builder handle this and what eqpt
> do I need?

> S&S: YES, just a matter of patience. You'll need a 25-watt pencil
> with a fine tip, tweezers, fine gauge solder, and a decent magnifying
> lamp -- that's it.

Hey Folks,

Do let this scare you! I built one of the S&S frequency counters that was SMT. In fact, some of you even saw me start this at Dayton last year.

My eyes are sure not what they used to be and at 62 I wouldn't want to be doing much brain surgery.... (well, there are some who I wouldn't hesatate to try it on....).

Just use a good magnifier and go for it. After a little bit, you'll find it's no harder than stuffing all those little leads through the holes! Just different.

However, you might want to turn your head before you sneeze! :-)

And don't forget, this is another one of those companies that will give you the help you need to get it done!

No connection.... I just think it's great to see so many nice QRP

offerings out there from so many nice people!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: 17 Apr 1998 16:27:14 -0400
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: qrp-l;;
Subject: [8430] Elmer101: C102 error
Message-ID: <1998Apr17.162714-0400@[130.113.234.7]>

Gang,

I recently posted that C102 was at U2's INPUT side. WRONG!
I had looked at the schematic to determine where it was, not
on the board itself....

On the schematic, C102(0.01uf) is shown at U2's(78L08)
INPUT. But how is C102 connected on the board? Its at U2's
OUTPUT side.

So if you measure the DC voltage across C102, you'll
see +8v. Not +12v.

Everyone should scratch out C102 on their schematics, and
draw in a new C102 at the top of the tuning pot (J2, pin 1).
-Glen VE3DNL

Date: Fri, 17 Apr 1998 16:36:57 -0700
From: Bill Crowley <bcrow@carte.net>
To: qrp-l@Lehigh.EDU
Subject: [8431] Rad Shack antennas
Message-ID: <3537E799.6C46@carte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all for the tip. Went to the Gardiner (ME) store; they HAD

two. I've got 'em now!

72/73 de K1NIT

Date: Fri, 17 Apr 1998 16:41:52 -0400
From: w2bj@juno.com (Barry J Minsky)
To: antennas@qth.net, forsale-swap@qth.net, qrp@qth.net, qrp-1@Lehigh.EDU
Subject: [8432] RS ANTENNAS
Message-ID: <19980417.164152.20134.0.w2bj@juno.com>

I have been reading that the Radio Shack inverted V antennas are being sold for \$3.97. I cannot get them in my area (Savannah, GA). Would someone be willing to buy 3 or 4 for me and send them to me? I would, of course, pay for the postage. Please let me know. Thanks.

72/73,

Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, FISTS #2701
Quarter Century Wireless Ass'n #29298, Old Old Timers Club #3723
Adventure Radio Society #359

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 17 Apr 1998 16:01:06 -0500 (CDT)
From: cjsterl@ix.netcom.com
To: qrp-1@Lehigh.EDU
Subject: [8433] Powerline noise & RFI
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Greetings,

All of us low power ops need all the help we can get when it comes to receiving weak sigs. In my case, I've been plagued with S-9 line noise. Fortunately my noise blanker helps some, but it distorts the CW note as well as splatters strong signals over a wide portion of the band ... horrible!

Potomac Electric Power Company (PEPCO) to the rescue! Within ONE day Dave

Martin, N3RWF, PEPCO's Interference Investigator was at my house with an array of DF equipment. He and a lineman fixed 5-7 poles ... noise gone!

Daves' looking for more work. He's been doing this for PEPCO for about 12 years. Dave says the HAMS help him keep his job. Dave said it's better to fix a faulty connection now rather than later after the powerline actually falls.

Anyone in Pepco's region (metro DC/MD) should think about giving Dave a call. He asked me to pass out his name and tel. #!

Dave Martin, N3RWF
Interference Investigator
PEPCO
301.967.5230
Best time is early morning, 6:00AM EDT.

Regards,
Craig/AA3MD

Date: Fri, 17 Apr 1998 16:11:05 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [8434] Rs antenna
Message-ID: <199804172111.0AA09613@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Thanks for the tip guys. Got the last ant #20-181 in stock at the local rs. Looks like my hw8 is ready for field day.
Larry ac5ez

Date: Fri, 17 Apr 1998 08:20:20 -0400
From: john paul keon <"jpkeon@bellsouth.net"@mail.rdu.bellsouth.net>
To: "Kevin F. Glynn" <kfglynn@prodigy.net>

Cc: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, klqrp@waterw.com
Subject: [8435] Re: Poles
Message-ID: <199804172126.RAA12062@mail.rdu.bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevin F. Glynn wrote:

>
> Hi John Paul,
>
> Pls tell me more about those poles you use for portable ant work. They
> sound great, and am wondering if they are available.
>
> Thanks for info.
>
> 72 Kevin N2TO
> Brooklyn, NYC
> kfglynn@prodigy.net

Kevin,

I got them from the power company, surplus, they are made of fiberglass, and section out and in with locking plugs (spring loaded) and they work real well for holding up lights weight antennas, they are very loose though for high applications. That is the reason I guy them at six points to keep them steady. the use of the pulley to pull up the dipole or wire (whatever) is the real tightener and that is the reason for the pulley. Then if you still have to pull it back to the opposing end, you just go to your guys on the opposite side and tighten them up. Very simple, but it looks hard.

We will hopefully have some pictures of that on the klites web site. I saw some of the pictures last night at the QRPizza meeting and they were very good, but we have to have a higher resolution scanner to see that wire and ropes.

Hope this helps you out.

JohnPaul/AB4PP/ Sir Scribe

Date: Fri, 17 Apr 1998 17:26:30 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: w2bj@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8436] Re: RS ANTENNAS
Message-ID: <3537C905.C5E6DB58@gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I finally called the 800 number. Found 3 of the antennas at a store in the "International" district of town. Bought them all. They are all spoken for.

Also found all sorts of project boxes on sale for .97 Definitely worth picking up a few.

Henry

Date: Fri, 17 Apr 1998 16:35:13 -0500
From: "Fred Ringwald" <fred@innocent.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [8437] 38 Special Wanted
Message-ID: <00ef01bd6a48\$b599ff80\$2a01e3d0@fred.ott.net>

Hello,

Ron Polityka recently asked if there were any unbuilt 38 Specials out there. I too am interested if anyone has a kit for sale. I asked him offline regarding additional responses, but haven't been successful in locating a kit for sale.

Thanks for the bandwidth, I hope to work you on the 38 Special I hope to find and build!

73s,

Fred Ringwald, AB0AE
fred@innocent.com

Date: Fri, 17 Apr 1998 17:09:15 -0500
From: nilsbull@juno.com (Nils R Young)
To: MNHopkins@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [8438] Re: Dayton as Haj
Message-ID: <19980417.170927.9838.0.nilsbull@juno.com>

Dostlarum musafirler . . .

The video tonight reminded me of one of the pidgin phenomenumenum I ran across while studying Swahili . . .

Ever since I went to my first Dayton Hamvention back in 1972, fresh out of the USN and ready for a religious experience (other than Kathy Alexander, which is another story), the annual convocation of the electronical nutzoz has been just that: a pilgrimage. Chong safir biktaim yupela olsempela yu kamap!

Kinda like that annual religious pilgrimage that just took place in India, the one where the two rivers meet and everyone jumps in the water to be cleansed of their sins. He notes that "Sunday" is actually a Pagan word from the corporate and Silicon Valley jungles. Try to incorporate one new word into your vocabulary each and every day. Come to think of it, so is "Saturday." Gibber gibber!

Lunch? Sure? Lead pipe? Chicken? Yeehah!

Only difference with Dayton is that you get cleansed of your radio sanity. That and some cash. But what the hell, it's worth it. So don't drool drool slobber gibber worry about Praise "Bob"! casting machine gibber me at all! See? Yeeehah!

Where else could you possibly eat weird food, hear weird jokes, learn weird stuff, talk to weird people and have weird radios all in one place? I mean, other than in my outhouse. Which is another story. Cheese otters! I tell you hot-drool slobber-metal Yeeehah! type Ranch? DON't go NUTS about it2 Yeehah!

See youse all at Dayton . . . husband from Italy can't grasp the drool slobber subject of mass Yeehah! nouns (e.g., fish means more than one). He will say "Honey, can you pass me the William Burroughses?"

7Yeehah3!

Nils

Nils R. Bull Young

La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 17 Apr 1998 18:09:49 EDT
From: DENNIS MO <DENNISMO@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [8439] Re: Rs antenna
Message-ID: <43070351.3537d32f@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

Hi Folks -

If anyone has an exrta RS 21-181 Dipole antenna please E-mail me. I's lik=
e to=0Abuy one and pay shipping , etc.. All three stores in the Santa Ba=
rbara, CA=0Aarea all sold out.

Thanks

73's es 72's de Denny

Denny / AD6EZ
FISTS # 4570 / QRP-L # 1359
10-X # 69158
PROMISE KEEPER

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara
Long: 34.437 N Lat: 119.868 W=A0=A0=A0
Grid: DM04BK
WEB PAGE: <http://member.aol.com/dennismo>

Date: Fri, 17 Apr 1998 18:19:31 EDT
From: DENNIS MO <DENNISMO@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [8440] Re: RS 21-527 SWR-WATT Meter
Message-ID: <81408755.3537d576@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

Hi Folks -

Thanks for the heads up on the RS 21-527 meter. I managed to find one in=
=0ASanta Barbara, CA.

Thanks again.

73's es 72's de Denny

Denny / AD6EZ
FISTS # 4570 / QRP-L # 1359
10-X # 69158
PROMISE KEEPER

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara
Long: 34.437 N Lat: 119.868 W=A0=A0=A0
Grid: DM04BK
WEB PAGE: <http://member.aol.com/dennismo>

Date: Fri, 17 Apr 1998 16:29:55 -0600
From: Brad Mugleston <bmug@gw1.com>
To: "bmug@gw1.com" <bmug@gw1.com>, "'Glen Leinweber'"
<leinwebe@mcmail.cis.mcmaster.ca>
Cc: "'qrp-1'" <qrp-1@Lehigh.EDU>
Subject: [8441] RE: elmer101 - PROBLEMS
Message-ID: <01BD6A1E.0F89E3A0@pps-pc10.gw1.com>

I think what I was asking was - If I really screwed up and applied more voltage than reasonable and got it backwards (I mean if I'm going to screw up I'm really going to screw up) will it jump the diode and fry my circuit?

If, as on my other rigs, it just shorted out across the diode and blew the fuse stopping all voltage and current from ever getting into the rig wouldn't it be safer?

Again, this is just a question for the uninformed. I really doubt it will ever happen. But in my business I've found it's easier to explain something if you use extremes - it's much more obvious to the uninformed.

Brad

From: Glen Leinweber[SMTP:leinwebe@mcmail.cis.mcmaster.ca]
Sent: Friday, April 17, 1998 1:06 PM
To: bmug@gwl.com
Cc: qrp-1:;;@gwl.com
Subject: Re: elmer101 - PROBLEMS

In <01BD69F9.34ED9300@pps-pc10.gwl.com>, Brad Mugleston wrote:
[...] On my other projects I used the diode
>to blow the fuse. What happens if I connect to TOO much DC power? Can I
>blow past the diode and blow the radio? (No, I don't think I could ever
>deliver more than the 15V the rig is rated for but this is suppose to be a
>learning experience).

Brad,

I'm not sure what you're asking:
Is it - what will happen if you apply more than +15v DC, (correct
polarity)?

- C112(220uf) is only rated for 16 volts. With more voltage applied,
it could short out.

-Then U2(78L08) is spec'd for maximum input voltage of 23v.
Depending on whether this chip shorts or opens when it blows, U1, and
U2(both SA612) would be at risk.

-Above that, D12(33v zener) will start to smoke for input voltages above
33v.

-Then Q4 might be at risk once D12 fries.

-Above that, the op-amp is at risk...

do I need to go further? =:-0

Date: Fri, 17 Apr 1998 07:14:37 -0400
From: n3fel@juno.com (Howard D Rubin)
To: n0tu@webaccess.net
Cc: qrp-1@Lehigh.EDU
Subject: [8442] Re: ladderline & steel a no-no?
Message-ID: <19980417.182907.3158.1.n3fel@juno.com>

The issue is the capacitive effect of the steel surface with the balanced
transmission line. Why not punch out a few dozen circular spacers with
diameter about twice that of the wide dimension of the parallel
feeder? Slot one side of the spacer and slip it onto the line at about 1
foot intervals. Now run the line along the surface of the steel. It
should have very little effect on the properties of the line.

H. D. Rubin, N3FEL

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 17 Apr 1998 18:46:47 EDT
From: Shepherd <Shepherd@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [8443] RS Dipole
Message-ID: <a83cfff3.3537dbda@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Fellow Radio Shack Raiders!

I just called my local store and got two of these antennas, they also have two SWR meters left if your looking for one.

The store Manager had the two antennas hidden in the back (the store computer showed two in stock, but none were to be found in the store) and I had to prod him a little bit to come off of them.

Keep this in mind, most Managers have Ham buddies too. :-)

72, 73
Dan, N8VZU
QRP-L #1404

End of QRP-L Digest 1063

